

**SELF-TIMERED DEVICE FOR ACTIVATING A CAMERA SHUTTER
RELEASE MECHANISM**

Abstract

5 A timer mechanism including a base piece, a top piece, a rod, and a spiral
spring. The base piece includes an inner hub forming a threaded surface and a
central passage. The top piece includes an inner post that a central passage and a
threaded surface for engaging the inner hub. The rod is slidably disposed within the
central passages and is selectively coupled to the top piece. The spiral spring is
10 coaxially wrapped about the inner hub and terminates in a leading end connected to
the top piece. The top piece is rotatable relative to the bottom piece to a raised
position in which energy is stored by the spiral spring. The spiral spring rotates the
top piece in an opposite direction, causing the top piece to wind relative to the
bottom piece, forcing the rod downwardly for depressing a camera shutter release
15 button.